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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/078,020	02/15/2002	Won K. Choi	END920020007US1	4945
7590	04/13/2004		EXAMINER	
IBM Corporation			ZIMMERMAN, JOHN J	
IP Law Dept. N50/040-4				
1701 North St.				
Endicott, NY 13760				
			ART UNIT	PAPER NUMBER
			1775	

DATE MAILED: 04/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	10/078,020	CHOI ET AL.
	Examiner	Art Unit
	John J. Zimmerman	1775

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 25 March 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires ____ months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) ____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

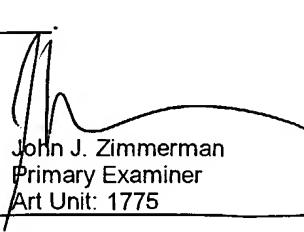
Claim(s) allowed: 1,5,6,9,10,29-61,63,64,67-73,75,77 and 83.

Claim(s) objected to: 12,18,20,25,81,86 and 89-91.

Claim(s) rejected: 11,13-17,19,21-24,26-28,80,82,84,85,87 and 88.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on ____ is a) approved or b) disapproved by the Examiner.
9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. Other: _____.


John J. Zimmerman
Primary Examiner
Art Unit: 1775

Continuation of 2. NOTE: The proposed amendment to claim 83 creates a claim of a new scope that had previously not been presented in this prosecution. Dependent claim 83 (allowed) depends on independent claim 1 (allowed). Applicant has now proposed combining allowed dependent claim 83 with independent claim 80 (rejected). Dependent claim 83 was allowed because it incorporated the allowable subject matter of independent claim 1. The examiner had given no indication that combining dependent claim 83 with independent claim 80 would result in allowable subject matter. Applicant has presented no arguments on how the proposed new combination of dependent 83 with independent claim 80 (rejected) overcomes the applied prior art. Introduction of a proposed claim of this new scope is not timely at this point in the prosecution .

Continuation of 5. does NOT place the application in condition for allowance because: In view of the non-entry of the proposed amendment, applicant's remarks are not commensurate with the pending claim limitations.